BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

RA 1ST AND FINAL BILL

Name of work: Providing Missing Covering Slabs to Drains in Ward No. 11 (Kuvempunagara) Vidyaranyapura Sub Division.

Estimated Cost : Rs. 30.00 Lakhs

Job Code: 011-20-000124

Head of Account : P-1771 POW Works

Name of Agency: Sri. Sambashivareddy. C, # 14, 6th C Cross, 2nd Main, Gopalappa Layout, Manorayanapalya, RT Nagar (P), Bangalore - 32.

Work order No: EE/BTP/BBMP/E-PMT/01(41738)/33/2019-20 D: 08-07-2020.

Measurements Recarded on : 17-08-2020

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 1 & 2 is =						**279.00**	210.00	**58590.00**
2	Removing and refixing stone slabs of drains and pointing in CM (1:3)								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 3 is =						**499.50**	85.00	**42458.00**
3	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete								
	Kamatha Layout Main Road W/S	Sqm	1	5.00		1.35	6.75		
			1	2.00		1.35	2.70		
	Kamatha Layout 1st Main N/S		1	3.00		1.35	4.05		
			1	5.00		1.35	6.75		
	Kamatha Layout 1st Main S/S		1	2.00		1.35	2.70		
			1	3.00		1.35	4.05		
	Kamatha Layout 2nd Main N/S		1	2.00		1.35	2.70		
			1	2.00		1.35	2.70		
	Kamatha Layout 2nd Main S/S		1	1.00		1.35	1.35		
			1	2.00		1.35	2.70		
			1	2.00		1.35	2.70		
	Sai Garden Shriram Swagraha Apartment S/S Cross Road 1								
	Main Road S/S		1	3.00		1.35	4.05		
	Cross Road 1								
	N/S		1	5.00		1.35	6.75		
			1	6.00		1.35	8.10		
	S/S		1	7.00		1.35	9.45		
			1	9.00		1.35	12.15		
	Cross Road 1								

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amou
	S/S		1	8.00		1.35	10.80		
			1	6.00		1.35	8.10		
			1	2.00		1.35	2.70		
					Total Qty =		101.25		
					Qty Limited to =		99.90	643.34	64270.00
4	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per								
	Flagging Course	Sqm							
	Kamatha Layout Main Road W/S		2	19.20		0.40	15.36		
			2	15.00		0.40	12.00		
			2	27.00		0.40	21.60		
	Kamatha Layout 1st Main N/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	13.50		0.40	10.80		
	Kamatha Layout 1st Main S/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	13.20		0.40	10.56		
	Kamatha Layout 2nd Main N/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	10.20		0.40	8.16		
	Kamatha Layout 2nd Main S/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	10.30		0.40	8.24		
	Sai Garden Shriram Swagraha Apartment S/S Cross Road 1								
	Main Road S/S		2	28.00		0.40	22.40		
	Cross Road 1								
	N/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	1.50		0.40	1.20		
	S/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	1.30		0.40	1.04		
	Cross Road 2								
	S/S		2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	11.10		0.40	8.88		
	N/S		2	30.00		0.40	24.00		
			2	20.00		0.40	16.00		
					Total Qty =		592.24		
					Qty Limited to =		592.00	875.61	518361.00

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20m... and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM of machinery, curing complete as per specifications.								
Bed Concrete	Cum							
Kamatha Layout Main Road W/S		1	19.20	0.45	0.10	0.86		
		1	15.00	0.45	0.10	0.68		
		1	27.00	0.45	0.10	1.22		
Kamatha Layout 1st Main N/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	13.50	0.45	0.10	0.61		
Kamatha Layout 1st Main S/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	13.20	0.45	0.10	0.59		
Kamatha Layout 2nd Main N/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	10.20	0.45	0.10	0.46		
Kamatha Layout 2nd Main S/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	10.30	0.45	0.10	0.46		
Sai Garden Shriram Swagraha Apartment S/S Cross Road 1								
Main Road S/S		1	28.00	0.45	0.10	1.26		
Cross Road 1								
N/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	1.50	0.45	0.10	0.07		
S/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	1.30	0.45	0.10	0.06		
Cross Road 2								
S/S		1	30.00	0.45	0.10	1.35		
		1	30.00	0.45	0.10	1.35		
		1	11.10	0.45	0.10	0.50		
N/S		1	30.00	0.45	0.10	1.35		
		1	20.00	0.45	0.10	0.90		
Coping Concrete								
Kamatha Layout Main Road W/S		2	19.20	0.20	0.10	0.77		
		2	15.00	0.20	0.10	0.60		
		2	27.00	0.20	0.10	1.08		
Kamatha Layout 1st Main N/S		2	30.00	0.20	0.10	1.20		
		2	30.00	0.20	0.10	1.20		
		2	30.00	0.20	0.10	1.20		
		2	13.50	0.20	0.10	0.54		
Kamatha Layout 1st Main S/S		2	30.00	0.20	0.10	1.20		

Assistant Executive Engineer
Vidyaranyapura Sub Divis...
BBMP, Bangalore - ...

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amt
			2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
			2	13.20	0.20	0.10	0.53		
	Kamatha Layout 2nd Main N/S		2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
			2	10.20	0.20	0.10	0.41		
	Kamatha Layout 2nd Main S/S		2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
			2	10.30	0.20	0.10	0.41		
	Sai Garden Shriram Swagraha Apartment S/S Cross Road 1								
	Main Road S/S		2	28.00	0.20	0.10	1.12		
	Cross Road 1								
	N/S								
			2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
			2	1.50	0.20	0.10	0.06		
	S/S		2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
			2	1.30	0.20	0.10	0.05		
	Cross Road 2								
	S/S								
			2	30.00	0.20	0.10	1.20		
			2	30.00	0.20	0.10	1.20		
			2	11.10	0.20	0.10	0.44		
	N/S		2	30.00	0.20	0.10	1.20		
			2	20.00	0.20	0.10	0.80		
				Total Qty =			**62.93**		
				Qty Limited to =			**61.37**	5006.38	**307242.00**
6	Providing **precast slab of 100 mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge- (Data rate Approved 2018-19).								
	Covering Slab	Sqm							
	Kamatha Layout Main Road W/S		1	19.20	0.90		17.28		
			1	15.00	0.90		13.50		
			1	27.00	0.90		24.30		
	Kamatha Layout 1st Main N/S		1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	13.50	0.90		12.15		
	Kamatha Layout 1st Main S/S		1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	13.20	0.90		11.88		
	Kamatha Layout 2nd Main N/S		1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	10.20	0.90		9.18		

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Kamatha Layout 2nd Main S/S		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	10.30	0.90		9.27		
Sai Garden Shriram Swagraha Apartment S/S Cross Road 1								
Main Road S/S		1	28.00	0.90		25.20		
Cross Road 1								
N/S		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	1.50	0.90		1.35		
S/S		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	1.30	0.90		1.17		
Cross Road 2								
S/S		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	11.10	0.90		9.99		
N/S		1	30.00	0.90		27.00		
		1	20.00	0.90		18.00		
			Total Qty =			**666.27**		
			Qty Limited to =			**666.00**	2089.38	**1391527.00**
Sub Total								**2382448.00**
GST @ 12%								**285894.00**
							Total	**2668342.00**

Rupees Twenty Six Lakh(s) Sixty Eight Thousand Three Hundred Forty Two Only

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97